

Pigments in the Blue Pollen and Bee Pollen of *Fuchsia excorticata*

Rosemary Webby* and Stephen Bloor

Industrial Research Ltd., P O Box 31–310, Lower Hutt, New Zealand.

Fax: +64 4 569 0055. E-mail: r.webby@irl.cri.nz

* Author for correspondence and reprint requests

Z. Naturforsch. **55c**, 503–505 (2000); received March 20/April 27, 2000

Fuchsia excorticata, Onagraceae, Anthocyanins

A comparison of the pigments in *Fuchsia extorticata* pollen with the pigments extracted from the unusually coloured blue-black “fuchsia” bee pollen confirms the New Zealand tree fuchsia as the source of the bee pollen. The pigments were identified as the *p-trans*-coumaroylated derivatives of delphinidin-, petunidin and malvidin-3-O-glucosides and delphinidin-3-O-(*p-cis*-coumaroyl-glucoside). The anthocyanins are accompanied by several flavonol glycosides; kaempferol-3-sophoroside, quercetin-3-sophoroside and kaempferol 3-neohesperidoside.